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**THE ROYAL INSTITUTION OF NAVAL ARCHITECTS  
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***TUESDAY, 25<sup>th</sup> APRIL 2023***

**“Floating Offshore Wind Foundations:  
Global Overview and Future Challenges”**

by

**Nick Jones MRINA**

**Senior Naval Architect, Longitude Engineering**

***Meeting to be held by Zoom Webinar at 18:00 hrs BST***

**Register for the Zoom presentation:**

<https://us02web.zoom.us/meeting/register/tZcodOmhrigiHtZiHTOwY3TOVdsGTbZhIhC0>

After registering, you will receive a confirmation email containing information about joining the zoom presentation.

Floating offshore wind is a fast-developing industry, but what actually goes into the design, engineering and considerations of a floating wind farm? This presentation explores the basic considerations made when designing a floating offshore wind farm and what the principal designs that have been developed so far.

We shall cover an overview of main different types of floating offshore wind foundations such as semi-submersible, spar buoy, tension leg and floating barge platforms and highlight the pros and cons of each design.

The presentation will discuss the key role of the Naval Architect in the design and construction of floating offshore wind farms. Naval Architects must work closely with electrical engineers, geotechnical engineers, marine ecologists, structural engineers, and aeronautical engineers to design and optimise floating offshore wind farms. The roles of these experts shall be explored and the importance of the collaboration between them and the naval architect will be explained.

**The presentation will be preceded by the AGM commencing at 6pm.**